

Television Broadcasting

Levels: Grades 10-12
Units of Credit: Minimum 0.5 credit
CIP Code: 10.0104
Prerequisite: None

CORE STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD 100104-01 **The student will be able to understand and demonstrate the correct operation of the equipment.**

OBJECTIVES

- 100104-0101 Basic parts of a camera
 - CCD, lens, body, and viewfinder.
- 100104-0102 Camera movements
 - Pan, truck, dolly, arc, pedestal, tilt.
- 100104-0103 Picture composition
 - Rule of thirds, nose room, headroom, lead room.
- 100104-0104 Shot selections
 - Wide or long (LS), medium (MS), close up (CU), extreme close up (ECU), point-of-view (POV), over-the-shoulder (O/S), cross shot (XS)
- 100104-0105 Camera operation
 - Focus, white balance, color temperature, setting the iris, depth of field, calibrating the zoom, tripod use, rack focus.

STANDARD 100104-02 **The student will be able to understand and demonstrate audio systems and how they are used.**

OBJECTIVES

- 100104-0201 Microphone
 - Pickup patterns, transducers, microphone types, connectors, filters.
- 100104-0202 Production
 - Functions and parts of an audio mixer.
- 100104-0203 Natural sound
 - Ambience, sound effects

STANDARD 100104-03 **The student will be able to understand and demonstrate lighting systems and how they are used.**

OBJECTIVES

- 100104-0301 Principles of Lighting
 - Triangle or three-point lighting
 - Key, back, fill.

- 100104-0302 Lighting instruments and accessories
- Spot, flood, filters, reflectors, barn doors.
- 100104-0304 Lighting situations
- Base lighting, light measurement, color temperature, mood, troubleshooting, chroma key, gels, location.

**STANDARD
100104-04** **The student will be able to understand and demonstrate
preproduction.**

OBJECTIVES

- 100104-0401 Script, storyboard, shot list
- 100104-0402 Tape preparation
- 101040-0403 Scouting locations

**STANDARD
100104-05** **The student will be able to understand and demonstrate
production(field/studio).**

OBJECTIVES

- 100104-0501 Crew responsibilities
- Producer, director, technical director, floor director, camera operator, audio, video playback, graphics, talent.

**STANDARD
100104-06** **The student will be able to understand and demonstrate
post production.**

OBJECTIVES

- 100104-0601 Logging
- 100104-0602 Editing
- Time code, titles, transitions (dissolves, wipes, fades, cuts), countdowns, linear, non-linear, special effects, sound tracks, timeline.
- 100104-0603 Television standards
- NTSC, high definition, aspect ratio, frames per second (fps), digital, analog.

**STANDARD
100104-07** **The student will be able to understand and demonstrate
visual effects and graphics.**

OBJECTIVES

- 100104-0701 Visual effects
- Chroma key, animation.
- 100104-0702 Graphics
- Text, fonts, colors, title safe area, computer-generated design

COPYRIGHT AND LEGAL ISSUES

STANDARD **The student will be able to define copyright and related terminology as identified in United States Code Title 17 Chapter 1**
100104-08

OBJECTIVES

100104-0801 Define copyright.
100104-0802 Other definitions

- Audiovisual works
- Computer program
- Copies
- Copyright owner
- Digital transmission
- Financial gain
- Joint work
- Motion pictures
- Pictorial, graphic, and sculptural works
- Sound recordings
- Work of visual art

STANDARD **The students will be able to understand the development of copyright laws as identified in United States Code Title 17 Chapter 1**
100104-09

OBJECTIVES

100104-0901 Berne Convention
100104-0902 Geneva Phonograms Convention
100104-0903 WIPO Copyright Treaty

STANDARD **The students will be able to define and apply fair use guidelines.**
500402-09

OBJECTIVES

100104-1001 Time limitations
100104-1002 Portion limitations

- Motion media
- Text material
- Music, lyrics, and music video
- Illustrations and photographs
- Numerical data sets

100104-1003 Copying and distribution limitations
100104-1004 Caution should be used when downloading material from the Internet.

STANDARD **The student will learn the importance of the Federal**

100104-11 Communications Commission (FCC) and the role it plays with media.

OBJECTIVES

100104-1101 History – Act of 1934 and Telecom 1996 Act
100104-1102 Regulatory agency for television

PROFESSIONAL DEVELOPMENT

**STANDARD The student will understand the need for professional
100104-12 development.**

OBJECTIVES

100104-1201 Complete a personal inventory.
100104-1202 Set and meet goals.
100104-1203 Be self-motivated.
100104-1204 Know how to make decisions.
100104-1205 Know how to manage time.
100104-1206 Organize personal belongings and equipment.
100104-1207 Learn to communicate verbally.
100104-1208 Write effective communications.
100104-1209 Establish a personal reading program.
100104-1210 Develop effective work skills and attitudes.
100104-1211* Master a working knowledge of SkillsUSA.
 ■ State the SkillsUSA motto.
 ■ State the SkillsUSA creed.
 ■ Learn the SkillsUSA colors.
 ■ Describe the official SkillsUSA dress.
 ■ Describe the procedure for becoming a SkillsUSA officer.

**STANDARD The student will understand the need for leadership skills.
100104-13**

OBJECTIVES

100104-1301 Serve on a committee.
100104-1302 Prepare an agenda.
100104-1303 Assist in planning a meeting.
100104-1304 Review basic parliamentary procedure.
 ■ Make a main motion.
100104-1305 Participate in a school project.
100104-1306 Attend a community meeting.
100104-1307 Practice effective speaking.
100104-1308 Present a three- to five-minute talk.

- 100104-1309 Implement a leadership project.
100104-1310* Master a working knowledge of SkillsUSA.
- Describe the meaning of the SkillsUSA emblem.
 - State the SkillsUSA pledge.
 - Describe the duties of a SkillsUSA officer.

STANDARD **The student will understand the need for career planning.**
100104-14

OBJECTIVES

- 100104-1401 Define your future occupation.
100104-1402 Survey employment opportunities.
100104-1403 Report on a trade journal article.
100104-1404 Explore opportunities for advanced training.
100104-1405 Conduct a worker interview.
100104-1406 Contact a professional association.
100104-1407 Explore entrepreneurship opportunities.
100104-1408 Give a talk about your career.
100104-1409 Review career goals.

STANDARD **The student will understand the importance of**
100104-15 **employability and work habits.**

OBJECTIVES

- 100104-1501 Develop a list of work standards to follow at school and on the job.
100104-1502 Evaluate your personal ethics.
- Evaluate your personal ethics against acceptable workplace ethics.
- 100104-1503 Build a job search network.
100104-1504 Find job leads.
100104-1505 Write a resume.
100104-1506 Create a job portfolio.
100104-1507 Complete a job application.
100104-1508 Write a business letter and memo.
100104-1509 Participate in an actual or simulated job interview.

* SkillsUSA Professional Development Program requirements – optional, but recommended